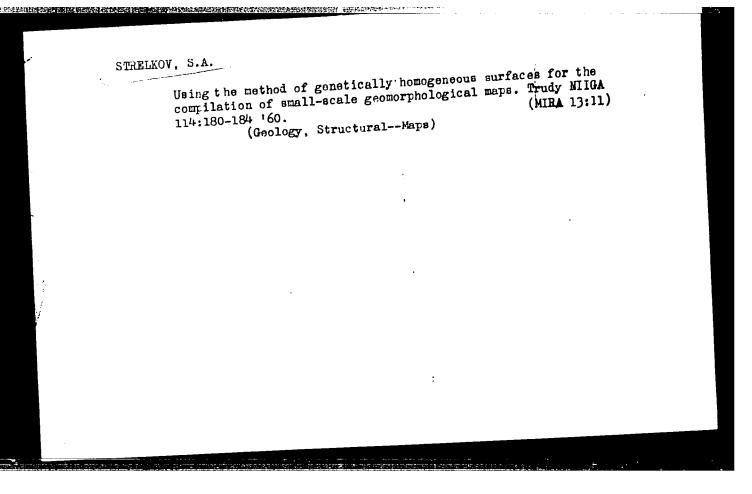
STRELKOY, S.A.

Two principles of geomorphological mapping and the selection of one of them for making general geomorphological maps. Geol. i geofiz. no.5:73-79 160. (MIRA 13:9)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR. (Geology, Structural-Maps)

Review of G.S.Gorelik's book "Oscillations and waves; introduction to acoustics, radiophysics and optics)". Usp.fiz.nauk 72 no.1:
157-158 S 60.
(Waves) (Vibration) (Gorelik, G.S.)



STRELKOV, S.A.

Some regular features of the formation and distribution of glacial deposits in the northern part of the U.S.S.R. Dokl.AN (MIRA 15:5) SSSR 144 no.2:427-430 My '62.

l. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom A.L. Yanshinym. (Russia, Northern--Geology, Stratigraphic)

STRELKOV, S.A.

生物不是我的**似乎是一种,我们就是这个人的**是一种,我们就是我们的人的,我们就是我们的人的人,我们就是我们的人们的人,我们就是这么多少的。

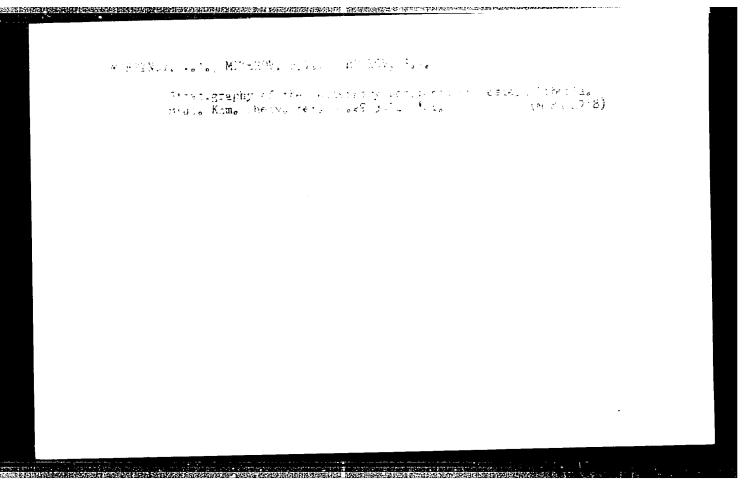
Zoning of the northern part of Western Siberia according to the morphology and genesis of the glacier relief in connection with the dynamics of the Zyryanka glaciation. Dokl.AN SSSR 145 (MIRA 15:7) no.3:642-645 II 162.

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom A.L.Yanshinym. (West Siberian Plain Geomorphology)

STRELKOV, S.A.

Genesis of marginal formations and the glacial relief in the northeastern part of Western Siberia. Trudy Kom. chetv. per. (MIRA 16:10) 21:118-125 '63.

l. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.



STRELKOV, S.A.

Zyryanka glaciation on the northern pair of the Central Schorum
Plateau, Trudy Inst. good. 1 geoffe. Feb. old. AN SERR no.94
(MIRA 17:12)
5.19 '64.

STREEKOV, S.A.; CARS, V.L., otv. red.

经。我们是**在我们的是我们还是我们的工程,我们们们是是我的**就是我们就是我的,我们们们的人们的,我们们们的人们们们们的人,不是一个人们们们们,不是这么一个一个一个

[North of Siberia; history of the development of the relief in Siberia and the Far East] Sever Sibiri; istoriia razvitiia rel'efa Sibiri i Dal'nego Vostoka. Moskva, Izdvo "Nauka," 1965. 333 p. (MIRA 18:3)

1. Chlen-korrespondent AL SSSR (for Saks).

STRELKOV, S.A.

生态。数据主动的新疆的数据,各种连续这种是处于美国的重要的重要的基础和通过的对象的重要的数据的对象。

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Ring tectonic structures in the northern part of the Siberian Flatform. Dokl. AN SSSR 162 no.5:1142-1144 Je 165. (MIRA 18:7)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR. Submitted March 5, 1965.

# STREL'KOV, S. A.

"Main stages of evolution of relief of Arctic Eurasia in Quaternary Period and their correlation with those of North America."

report submitted for the 7th Intl Cong, Intl Assoc for Quaternary Research, Boulder & Denver, Colorado, 30 Aug-5 Sep 65.

SAKS, V.N., FOR. C. WILLIAM, C.A., Asm. glov. red.; MISKE,

SHOWOV, V.I. FED. FVALOVA, I.K., red.; LAVARITYEV, A.I.

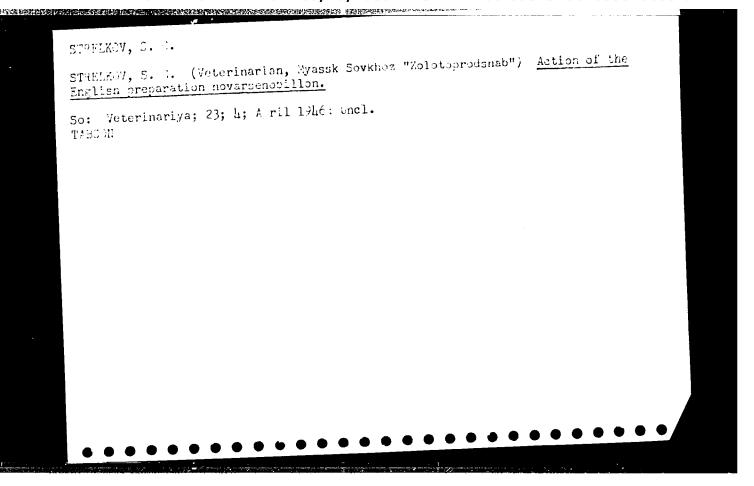
red.; MARTYLOV, V.A., red.; MIKOLAYEV, N.I., red.; STRELKOV,

S.A., 183.; THATTSKIY, S.L., red.; CHOCHIA, N.G., red.;

SHANTCHA, Yeste, red.; SHATSKIY, S.B., red.

[Basi problem in the study of the Quaternary period; for the 7th (outries of INQUA, U.S.A., 1965] Osnovnye problemy izuonenina anatvertionmogo perioda; k VII Kongressu INQUA (SShA, 1965) Meskva, Mauka, 1985. ASS 1 (MIRA 18:9)

1. Armed job mank SSSR. Sibirahova ataclemiye. Institut geologi, a geofiziki. 2. Chlev-morrospondent AN SSSR (for Saka).



FONOMAREV, B.V.; STRELKOV, S.N.; STARCHAKOVA, I.I., red.

元,就是是**的时间,我们就是这个大大的人,也不不知识的**是是是是一个人,就是这个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,

[Manual for accounting in state commerce] Spravochnik po bukhgalterskomu uchetu v gosudarstvennoi torgovle. Izd.3., perer. Moskva, Ekonomika, 1964. 687 p.

(MIRA 17:6)

STRELKOV, S.P.

Demonstration of the role of the axes of "free revolution" of a body. Usp. fiz. nauk 81 no.4:763 D '63. (MIRA 17:1)

STRELMOV, Sergey Lavlovich; ELTSH, Josif Abramovich; YAKOVLAV, Tvan Alckseyevich; EHAYEIN, J.E., prof., red.; LIVERITE, S.L., red.

THE REPORT OF THE PROPERTY OF

[Froblems in a general physics course] Sbornik zadach poobshchemu ku su fiziki. Moskva, Nauka. Pt.1. [Nechanics, electricity and magneticm] Hekhanika, elektrichestvo i magnetizm. 12d.3. led red. S.E. Haaikina. 19t/.. 312 p. (MIRA 17.9)

STREERED, Serger Paylovich; MARGULIS, U.Ya., red.

[In: roduction to the theory of oscillations] Vyenenie
v teoritu kolebanii. Ind.2., perer. Moskva, Nauka,
1902. 437 p.

(MIRA 17:12)

於公司的時間**的時間的時間的時間的時間的時間的一個人不可能**與一個人的時間的一個人的時間的一個人的學術的學術的學術學術學學術學術學術學術學術學學學學學學學學學學學

FA76T15 STRELKOV, G. P. May-Jun 1948 USSR/Electricity Amplifiers, Linear Distortion "General Theory of Linear Amplifiers, I," S. P. Strelkov, Sci Res Inst of Phys, Lab of Oscillation, Moscow State U, 12 pp "Avtomat 1 Telemekhan" Vol IX, No 3 Attempts to give approximate value of distortion by new methods. Consists of two parts. Part I gives general conditions, indicates basic methods of analysis, and reaches qualitative conclusions. Submitted 20 Apr 1948. 76715

Strelkov, S. P. - "Reproduction of a linear system," Vestnik Mosk, un-ta, 1948, No. 11, p. 61-68
So: U\*3566, 15 harch 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

STRELKOV, S. P.

fathor: Strelkov, S. P.

Title: The complete works on the general physics course. (Shornik zadach

po obshohemu kurau fiziki.)

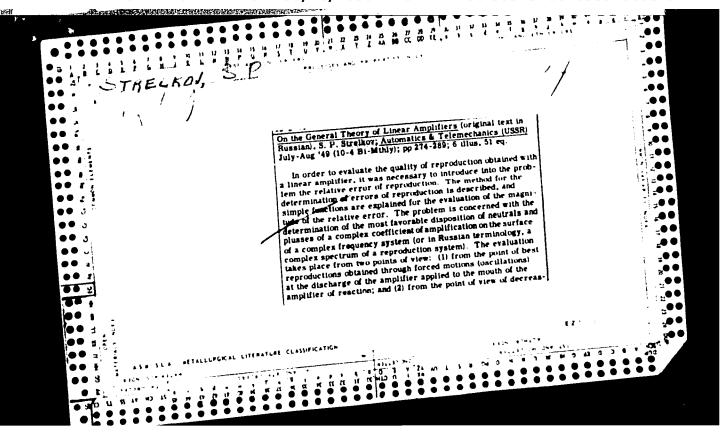
City: Moscow

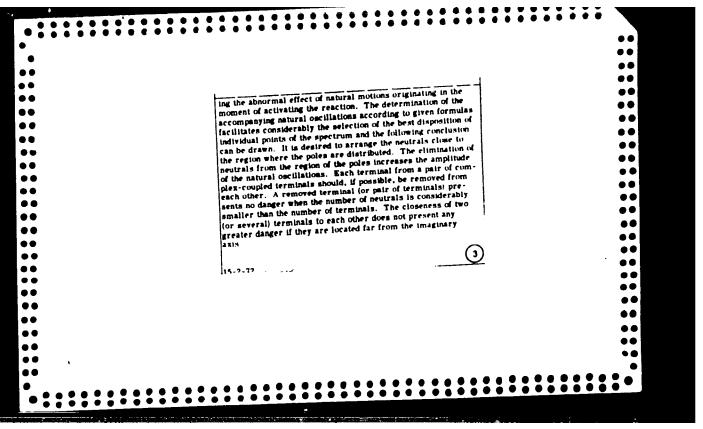
Publisher: State Printing House of Technical and Theoretical Literature

Date: 1949

Available: Library of Congress

Source: Monthly List of Russian Accessions, Vol. 4, No. 1, p. 21





STALL KIT . H

PHASE II TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 458 - II

BOOK

Author: STRELKOV, S. F.

Call No.: QA935.S765

Full Title: INTRODUCTION TO THE THEORY OF OSCILLATION Transliterated Title: Vvedeniye v teoriyu kolebaniy

PUBLISHING DATA

Originating Agency: None

Publishing House: State Publishing House of Technical and

Theoretical Literature

Date: 1950

No. pp.: 344

No. of copies: 10,000

Editorial Staff:

Others: Prof. K. F. Teodorchik and Prof. V. V. Migulin are thanked

for their valuable advice.

TEXT DATA

Coverage: This is a textbook on the general theory of oscillation. Taken under consideration are mechanical, electrical and electromechanical oscillations with one, two and more degrees of freedom. Diagrams and graphs.

Preface: The contents of this book correspond to a general course on the theory of oscillation which was given by the author in the

Department of Physics of Moskva University in 1944-1949.

Introduction: Oscillations occur everywhere in the field of engineering and physics at various occasions. The analysis of these oscillations,

STRELLAOV, J. F.

STRELKOV, S. P.

Vvedenie v teoriiu kolebanii. Dopushcheno v kachestve uchebnika dlia vysshikh ucheb. zavedenii. Moskva, Gostekhizdat, 1950. 344 p., illus.

是在我的最后,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的人,我们就会会会的人,这个人,这个人的人,这个人的人,他们也不会不

Bibliography: p. 340.

Title tr.: Introduction to the theory of oscillations. Approved as a textbook for institutions of higher learning.

Reviewed by N. I. Esafov in Sovetskaia kniga, 1951, no. 2, p. 35-38.

TL710.S9

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

MIGULIN, V.V.; STRELKOV, S.P.; TEODORCHIK, K.F.

The work of Moscow University scholars in the field of physics

of vibrations and contemporary problems in the theory of vibration Vest. Mosk. un. 10 no.45:125-132 Ap-My '55. (MIRA 8:8)

(Vibration)

STRELKOV, Sergey Pavlovich; ALEKSEYEV, D.M., redaktor; NEGRIMOVSKAYA, P.A., tekhnicheskiy redaktor

[General course in physics] Obshchii kurs fiziki. Moskva, Gos.
izd-vo tekhniko-teoret. lit-ry. Vol.1. [Mechanics] Mekhanika.
1956. 456 p. (MLRA 10:2)

SOV/112-59-1-1368

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 1, p 188 (USSR)

AUTHOR: Strelkov, S. P., and Smyslov, V. I.

TITLE: Electromechanical Model of a Flatter

PERIODICAL: V sb.: Mezhvuz. konferentsiya po primeneniyu modelirovaniya v

elektrotekhnich. zadachakh i matem. modelirovaniya. M., 1957, p 130

ABSTRACT: Bibliographic entry.

Card 1/1

120-3-14/40

AUTHORS: Strelkov, S.P. and Yugov, V.A.

· 1873年,1974年中,1974年,1974年,1974年,1974年,1974年,1974年,1974年,1974年,1974年,1974年,1974年,1974年,1974年,1974年,1974年,1974年

TIPLE: Measurement of the Coefficient of Dry Friction During Harmonic Oscillations (Izmereniye koeffitsiyenta sukhogo treniya pri garmonicheskikh kolebaniyakh)

PERTODICAL: Pribory i Tekhnika Eksperimenta, 1957, Nr 3, pp.54-56 (USSR)

ABSTRACT: An apparatus is described which can be used to measure the static coefficient of friction during the action of a low frequency forcer (0 to 100 c/s). It is usually assumed that the static coefficient of friction does not depend on the nature of changes in the applied force. It is now suggested that the limiting value of the force of friction depends on the nature and the speed of changes in the applied force. Experiments were carried out in which the limiting value of the frictional force was measured with a sinusvalue of the frictional force was measured with a sinusvalue of the frictional force was measured with a sinusvalue of the apparatus is shown diagramatically in Fig.1. The specimen is placed on a small table which executes sinusoidal oscillations in an horizontal plane. At very low amplitudes the specimen moves together with the oscillating table. As the amplitude increases beyond a certain value the specimen moves relative to the table. At

100-5-14/40

Measurement of the Coefficient of Dry Friction During Harmonic Oscillations.

this moment the amplitude of the oscillation is measured. The coefficient of friction is then given by

$$\mu_c = a\omega^2/g$$

where  $\mu_{\text{c}}$  is the static coefficient of friction, a is the critical amplitude,  $\omega$  is the corresponding frequency and g is the acceleration due to gravity. The experimental results shown in Figs.2 to 6 indicate that the static coefficient of friction is a function of the frequency of the applied force. The coefficient of friction decreases as the frequency increases. There are 6 diagrams, no tables, and 6 references, 5 Russian and 1 English.

ASSOCIATION: Department of Physics of Moscow State University imeni M.V.Lomonosov (Fizicheskiy fakul'tet MGU in. M.V.Lomonosova)

SUBMITTED: June 5, 1956.

AVAILABLE: Library of Congress.

Card 2/2 1. Harmonic oscillators 2. Friction-Measurement-Analysis

Applying Galerkin's method to self-oscillation problems. Vest.Mosk.

Applying Galerkin's method to self-oscillation problems. Vest.Mosk.

i57.

un.Ser.mat.,mekh.,astron.,fiz., khim. 12 no.3:51-55 (MIRA 11:3)

1.Kafedra kolebaniy Moskovskogo gosudarstvennogo universiteta.
(Oscillations) (Mathematical physics)

是对连续的情况。

6484

sov/141-1-5-6-28/28

AUTHORS: Strelkov, S. P. and Silin, R. A.

Book Review TITLE:

Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, PERIODICAL:

1958, Vol 1, Nr 5-6, pp 188 - 189 (USSR)

ABSTRACT: Review of the book by V.I. Kalinin and G.M. Gershteyn -

"Introduction to Radiophysics". Gostekhizdat, 1957. The book gives a short and systematic exposition of the phenomena which take place during the reception, transformation, transmission and generation of electromagnetic vibrations. The book is intended for students who need an introduction to radio. It is not suitable for universities and schools of advanced technology. In spite of a number of errors and misprints, it is suggested that the book would be very useful and it is hoped that in the second edition these errors will be rectified.

#### CIA-RDP86-00513R001653520003-6 "APPROVED FOR RELEASE: 08/26/2000

9(6), 10(6)AUTHORS:

Ordanovich, A.Ye., and Strelkov, S.P.

SOV/155-58-2-39/47

TITLE:

Electronic Model of the Torded Bending Vibrations of an Airplane Wing (Elektronnaya model' izgibno-krutil'nykh kolebaniy kryla

samoleta)

长期**时间的形式,这个人可以的时间的特别的一个**并在国际的的时间的特别的特别的时间的时间的

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1958, Nr 2, pp 181-188 (USSR)

ABSTRACT:

At first a long straight wing is understood as a clamped beam. Then the latter is decomposed into eight cells arranged with respect to the length of the beam which are replaced by mechanic models. The coordinates of the eight shifts and the eight angles of twist are combined one with another by a system of differential equations. Then an electronic model is proposed which corresponds

to this system of equations. The model consists of 32 integrators and 48 summators, the basic scheme contains 288 tubes. The experimental examination of the model yielded relatively good

agreement of the obtained results with well-known data for the first and second harmonic of wing vibrations (error 2-3%). For the

third harmonic the error amounted up to 14%.

There are 7 references, 3 of which are Soviet, 3 American, and

1 English.

Card 1/2

Moscow Stale Unio in MV. Formonosor

STRELKOV, S.P.; KHARLAMOV, A.A.

Studying the flutter of a wing with an aileron. Nauch.dokl. vys.shkoly; fiz.-mat.nauki no.3:116-125 159.

(MIRA 13:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Airfoils)

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CIA-RDP86-00513R001653520003-6

1(4) · AUTHORS:

507/179-59-4-1/40 Romanovskiy, Yu. M., Strelkov, S. P.

(Moscow)

On the Influence of Atmospheric Turbulence on an Airplane With Elastic Wings at Different Flying Speeds TITLE:

Izvestiya Akademii nauk SEBR. Otdeleniye tekhnicheskikh nauk. Mekhanika i mashinostroyeniye, 1959, Nr 4, pp 3 - 10 (USSR) PERIODICAL:

The restrained vibrations of the elastic wing of an airplane ABSTRACT:

under the influence of turbulence in dependence on the flying speed are investigated here. The investigation refers to airplanes with straight wings with a high wing aspect ratio at subsonic flying speed. Therefore, the computation of aerodynamic loads is based on the unsteady theory of motion of a wing with, infinite wing aspect ratio in a plane current (Ref 1). With some restrictions, the external fluctuation effect on the wing of the airplane can be regarded as a steadily normal random process depending on time (Ref 2). For this reason and as the entire system is assumed to be linear, the motion of this system can be described on the basis of the correlation theory. The equations of the system are investigated by the method of Bubnov and

Card 1/3

On the Influence of Atmospheric Turbulence on an SOV/179-59-4-1/40 Airplane With Elastic Wings at Different Flying Speeds

Galerkin and a system of equations (1.8) is obtained, the solution of which in a general form is not possible due to its extent. A program was set up to solve this system. By means of this program, the values required were obtained on the digital electron computer of the "Strela" type. The formulas for the statistic characteristics of restrained wing vibrations (i. e. the statistic characteristics of the tending and torsional moments of the wing) are indicated. The method described permits these characteristics to be obtained in a simple way. By means of them, vibrations of different degrees of freedom can be taken into account. An increase in the number of degrees of freedom by one causes an increase in the order of magnitude of the system of algebraic equations by two orders. The program must only be modified inconsiderably. Accordingly, the time required for the computation increases multiply. A comparison of statistic vibration characteristics on the same airplane model shows that the wing torsion may not be neglected at sufficiently low frequencies of the wing torsion near the critical velocities of the flutter, and that the joint bending- and

Card 2/3

On the Influence of Atmospheric Turbulence on an SOV/179-59-4-1/40 Airplane With Elastic Wings at Different Flying Speeds

> torsional vibrations of the wing must absolutely be taken into account in the computation. V. A. Druzhinina and V. B. Glasko compiled the program, and made the computations on the "Strela" computer. There are 7 figures, 2 tables, and 10 references,

3 of which are Soviet.

ASSOCIATION: Fizicheskiy fakul tet MGU (Department of Physics of Moscow

State University)

January 8, 1959 SUBMITTED:

Card 3/3

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1347, 1103, 1327

S/103/60/021/010/002/010 B012/B063

10.6200 AUTHORS:

Landa, P. S., Strelkov, S. P. (Moscow)

TITLE:

Stability of the Aileron Control System in the Presence of

Turbulent Disturbances

PERIODICAL:

Avtomatika i telemekhanika, 1960, Vol. 21, No. 10,

pp. 1352-1364

TEXT: The wings of a flying airplane form a complex system of irregular vibrations with distributed parameters. Even modern computers are not able to solve the mathematical problem of wing stabilization. A commonly used method of approximation is that described in Ref. 1, which was devisued by Rayleigh and Ritts, and was further developed by Bubnov and Galerkin. In this method, the wing and the aileron, which are in a steady flow of air, are regarded as a vibrating system with two degrees of freedom, air, are regarded as a vibrating system with two degrees of freedom, in which some parameters depend on the flow velocity. In the present paper, the authors investigate the vibrations and stability of such a system strongly influenced by non-linear elements and statistical actions which are caused by the turbulence of the atmosphere. The statistical

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只有表现的根据**证据的内容对对**地数据通过存储处式和图式图式或证明图图识别的图图图识别。

Stability of the Aileron Control System in the Presence of Turbulent Disturbances

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estimate of the probability that such vibrations occur during a given time interval is described next. Since the calculations are very extensive and time-consuming inspite of all the approximations made here, the authors first determine the limits of the possible modes of operation by using the method of simulation. Then, they calculate the amplitudes of the limiting cycles and the excitation probabilities for the parameter values obtained. By using the Bubnov-Galerkin method, they write down equations (1) for the bending vibrations of a wing with an aileron fixed on one side (see Fig. 1), and derive the basic equations (2) for these bending vibrations. Then, they study the basic formulas for the bending vibrations of a wing with a hydraulically controlled aileron. The principle of such a control system is shown in Fig. 2 and explained. Formula (3) expresses the vibrations occurring in the hydraulic system shown in Fig. 2. Next, the authors describe the determination of the stability range of an airplane wing for the case in which there are no non-linear elements in the control system of the aileron. This is done on an electric simulator. The measurement of the probability that the system is excited in the presence of turbulent disturbances is described. Then, the authors give a theoretical calculation of the stability of airplane wings in the presence of

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Stability of the Aileron Control System in the Presence of Turbulent Disturbances

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turbulent disturbances by using the Krylov - Bogolyubov method (harmonic linearization). In conclusion, they note that the existence of a parasitic positive feedback in the control system leads to an extension of the range of instability. Due to a strong excitation of vibrations during the flight through a turbulent atmosphere, the vibrations of the wings may increase. The probability that this occurs within a certain time interval depends on the intensity of fluctuations caused by the turbulent disturbance of the vertical component of flying speed. This probability decreases considerably with decreasing intensity. The principal part in the excitation of the system is played by the spectral components of turbulent disturbances near the frequency of the characteristic bending vibrations of the wing. The time of excitation of dangerous vibrations of wings may be statistically estimated as a function of the flying speed and the eigenfrequency of the aileron by using the above-described theoretical methods combined with investigations of the system on a simulator. The authors thank R. L. Stratonovich for his valuable advice. There are 8 figures, 2 tables, and 12 references: 8 Soviet.

Card 3/4

ROMANOVSKIY, Yu.M.; STRELKOV, S.P.

Effect of atmospheric tubulence on an airplane with elastic wings. Trudy Inst.fiz.atm. no.4:257-266 '62. (MIRA 15:12)

(Atmospheric turbulence) (Aerodynamics)

LANDA, P.S. (Moskva); STRELKOV, S.P. (Moskva)

Wing flutter caused by nonlinear aerodynamic forces. Izv.AN SSSR.Otd.
tekh.nauk.Mekh.i mashinostr. no.5:111-117 S-0 '62. (NTRA 15:10)

(Flutter (Aerodynamics))

SMYCLOV, V.I.; STUTLKOV, S.T. (Moscow)

经建筑经

"Electromechanic 1 models of flutter"

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow 20 Jan - 5 Feb 64.

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Monograph

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Strelkov, Sergey Pavlovich

Introduction to the theory of oscillations (Vvedeniye v teoriyu kolebaniy) 2d ed., rev. Moscow, Izd-vo "Nauka", 64. 0437 p. illus., biblio., index. 20,000 copies printed

TOPIC TAGS: oscillation, oscillator theory, linear system, resonance theory

PURPOSE AND COVERAGE: The material presented in this book which is intended for students of physics at the university level, is based on a series of lectures given by the author at Moscow University (Physics Department) on the theory of oscillations. For the purpose of discussion, in this book oscillations (periodic, nonperiodic, and quasiperiodic) are divided into: 1) oscillations with one, and 2) oscillations with many degrees of freedom. Each of these is further subdivided into: 1) natural oscillations, 2) forced oscillations, 3) parametric oscillations, and 4) "auto" oscillations—the latter are defined as periodic motions arising within the system in the absence of external periodic stimulation.

Cord 1/3

UDC: 534.0(075.8)

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AM7C02473

Furthermore, oscillations are considered as either linear or nonlinear. The author emphasizes that his approach to the subject is physical rather than mathematical. Gratitude is expressed to R. A. Silin and N. K. Miheyeva for their assistance in preparing the present edition.

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Part II. Oscillations in linear systems with several degrees of freedom

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Ch. 2. Oscillations in linear systems with several degrees of freedom -- 294

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SUB CODE: 20/ SUBM DATE: 02Oct64/ ORIG REF: 012

Card 3/3

STELEOV, Sergey Pavlovich, RAYSKAYA, N.4., red.

[Mechanice] Mekhentka. Mookva, Nauka, 1965. 526 p.

(MIRA 18:10)

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STRELKOV, T.

Distribution of tritium in 4-octene prepared by catalytic hydrogenation; abstract. Glas Hem dr 27 no.9/10:516 \*64

1. The Ruder Boskovic, Institute, Zagreb.

The Lavrovskiy generator. Nauka i tekh mladezh 16 no.10: 16-18 '64.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520003-6"

Wind in the service of man. NTO 4 no.10:60-61 0 '62.  (MIRA 15:9)  1. Akademiya pedagogicheskikh nauk.  (Wind power)

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L 25610-65 ACCESSION NR: AP5003768

for precise calibration of the instrument. Since a swimmer cannot travel much faster than 2.8 km/h, submerged transportation has been developed. The simplest device for underwater travel is a sled towed by a launch, provided with hand controls for depth regulations. A new underwater plastic glider with narrow wings measures 3.5 x 2.1 x 0.6 m. It reaches a speed of 15 km/h when towed, is controlled by horizontal rudders and heeling rudders, and is steered by a rudder on the keel. A device called an aquaped carries bicycle-type pedal gear which turns a screw propeller. The driver, strapped to a saddle, can reach a speed of 5.2 km/h. A more elaborate device called a "submarine scooter," is strapped to the back of a swimmer wearing an aqualung, or is held before him by hand grips. The body is made in two plastic sections covered by thin layers of wood and iron. One compartment contains a 72-amp-h, 21-v storage battery. The other compartment contains the small 350-700-w electric motor and reducing gears. A shaft leads from the rear of this compartment to the screw which can drive it at 10 km/h. The most sophisticated device is the sporting submarine, either the "dry" or the "wet" type. In the "wet" type the submarine is flooded, and the sportsmen wear aqualungs. A one- or two-man type, with an airplane-like cabin, is powered by either a bicycle-type pedal (one man - 5.5 km/h, two man - 9 km/h) or by a 1-hp electric motor (15 km/h). Such a submarine may operate at depths of up to 50 m. A model of the "dry" type

Card 2/3

L 25610-65

(hermetically sealed) called the "Hermaid," is still in the "dream" stage. It would have a steel hull 4.6 m long and 1.5 m wide and would weigh 1125 kg. A would never would provide 360 degree with 114 m. Speeds of 12 km/h would never the stage with 114 m. Speeds of 12 km/h with 114 m glass coming tower would provide 360-degree visibility. Speeds of 12 km/h would be possible from a 2-hp electric motor supplied by lead storage batteries. The Kormaid could make 24-km trips, and its air supply would be sufficient for 24 hours. The craft would be well supplied with safety features (including compressed gas for emergency surfacing) and with provisions for the sportsman to be able to abandon a disabled submarine. Orig. art. has: 11 figures.

ASSOCIATION: none

SUB CODE: PH, ES

SUBMITTED: 00

ENCL: 00 OTHER: 000

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Carl 3/3

MALINICHEV, G.D.; STRELKOV, V.A.

Turbines from Neva banks. Standartizatsiia 29 no.5:28-29 My 165. (MIRA 19:1)

1. Spetsial'nyye korrespondenty zhurnala "Standartisatsiya".

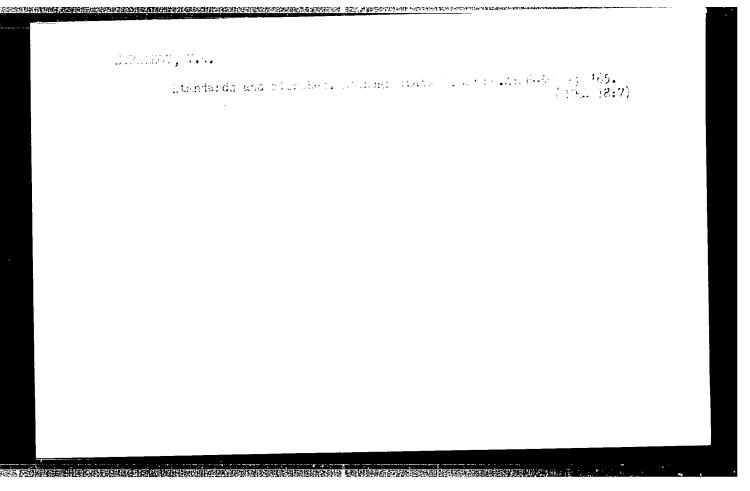
SMOLINA, N.I.; SHCHERBATENKO, V.V.; STRELKOV, V.A.

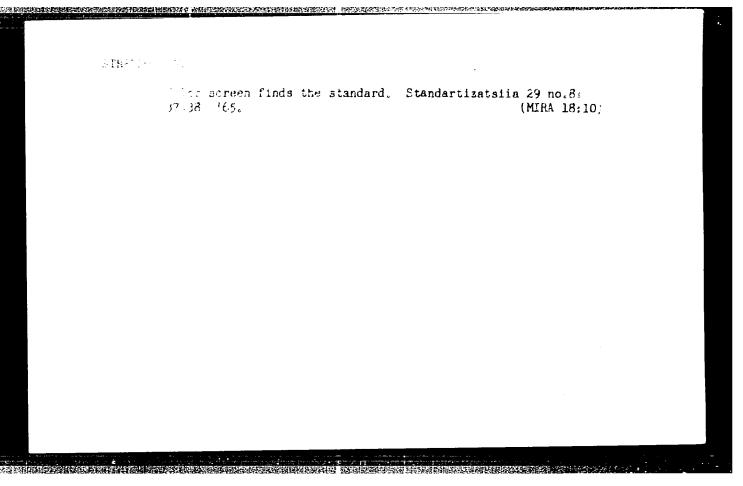
Industrial testing of the method of briquet rusk manufacture.

Trudy TSNIIKHP no.8:89 '60. (MIRA 15:8)

(Baking)

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ACC NR: AM6018825
Strelkov, Viktor Grigor'yevich
Zikhanov, Konstantin Ivanovich; Strelkov, Viktor Grigor'yevich  [2+]
Remote control of rockets (Teleupravleniye raket) Moscow, Voychibano-tekhnicheskiye 1966. 110 p. illus. 13,000 copies printed. Series note: za voyenno-tekhnicheskiye
znaniya : went missile guidance,
TOPIC TAGS: guided missile engineering, missile guidance equipment, missile guidance system, radio guidance, active missile guidance, guidance communication, guidance system, radio guidance, active missile missile, missile control
PURPOSE AND COVERAGE: This booklet is intended for enlisted men in the military PURPOSE AND COVERAGE: This booklet is intended for enlisted men in the military schools, and for wide circle of readers interested services, cadets in military schools, and for wide circle of readers interested in problems of missile engineering. It may also be used by officers in the missile in problems of missile engineering the training program for their units. The prinforces as a guide for preparing the training program for their units. The prinforces of building remote control guidance systems, the elements of these systems, ciples of building remote control guidance systems which may be solved by means of read their interaction are presented. Problems which may be solved by means of read their interaction are presented. Basic methods of missile target guidance mote control systems are explained as well as methods of making the necessusing remote control systems are explained as well as methods of the material is sary commands and transmitting them to the missiles. Much of the material is sary commands and transmitting them to the missiles. Much of the material is sary commands of open sources and the Nike-Zeus and Nike-X antimissile missile systems are described.
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ACC NR:

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SOURCE CODE: UR/0137/66/000/010/I048/I048

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AUTHOR: Strelkov, V. I.

TITLE: Investigation of the nature of microcracks in Aluminum-alloy products

SOURCE: Ref. zh. Metallurgiya, Abs. 101315

REF SOURCE: Sb. Proiz-vo stali i splavov i vliyaniye obrabotki na ikh svoystva. Tula, 1965, 76-79

TOPIC TAGS: aluminum alloy, microcrack, hot forging, metal stamping, electron microscope

ABSTRACT: Electron microscopic examination of metal zones adjacent to microcracks formed during hot forging and metal stamping showed micropores disperse to the right and to the left of microcracks. Zones 0.1-1 mm wide, above and below the microcracks, are free of micropores. A layer (~10-5 mm) of the brittle phase was detected on the surface of microcracks. This phase separates along the boundaries of micropores and obstructs welding. [Translation of abstract] P. Novik.

SUB CODE: 11/

[NT]

Card 1/1

UDC: 539. 4. 011:669. 715

STEPUNIN, S.Ye., inzh.; STREIKOV, V.M., inzh.; TSAREV, M.I., inzh.; TSAREV, M.I., kand.tekhn.nauk

Improvement of three-phase automatic reclosing systems. Blek.sta. 31 no.5:69-74 My '60. (MIRA 13:8) (Electric switchgear) (Electric lines)

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SOV-127-58-10-10/29

AUTHORSI

**《《西西本本》中国建筑中的西西东西中央公司的建筑和政治的大学之间的大学的发展,以及政治的政治** 

Glazunov, V.M., Smagin, V.A. and Strelkov, V.N.

TITLE:

An Analysis of the Rotary-Percussion Drilling of Blast Holes in Hard Rocks (Issledovaniye vrashchatel'no-udar-nogo bureniya shpurov v krepkikh porodakh)

PERIODICAL:

Gornyy zhurnal, 1958, Nr 10, pp 32-38 (USSR)

ABSTRACT:

The authors compared the efficiency of drilling blast holes in hard rocks with the rotary-percussion drilling machines built by the German firms nusse and Grefer; Salzgitter and Hausher, with the efficiency of drilling with perforators KTB M-4, PRS-3m and F M -508. The authors give a detailed description of the German machines and their performances. They found that the speed of drilling under favorable conditions was much higher than with perforators, but this difference decreased in hard rock drilling operations. Special rotary-percussion drilling machines with increased percussion power must be built for hard rocks. The tested machines can be used for drilling in rocks of a hardness

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APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520003-6"

SOV-127-58-10-10/29 An Analysis of the Rotary-Percussion Drilling of Blast Holes in Hard Rocks

coefficient not higher than 10-12. There are 2 photos, 4 graphs, 3 tables, 1 diagram and 4 references, 1 of which is Soviet, 2 German and 1 American.

- 1. Mining industry--USSR 2. Drilling machines--Applications
- 3. Drilling machines-Performance

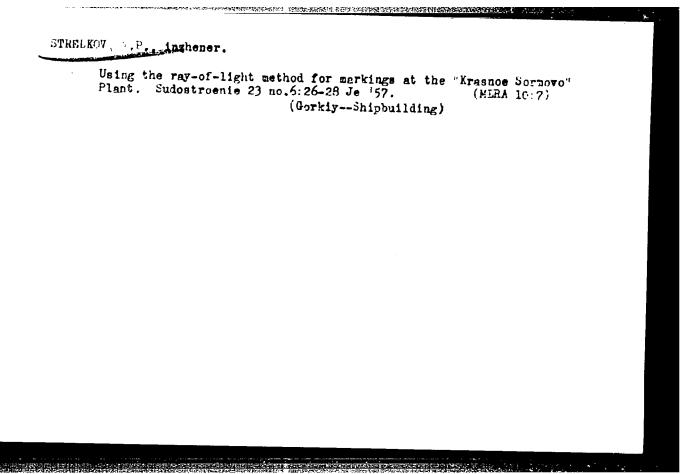
Card 2/2

BRILLIANTOV, N. A.: STRELKOV, V. P.; LIN'KOV, V. P.

"The Froduction of Platinum Resistance Thermometers," Zhurnal Tekh Fiz, 20, 3, 1950.

U-1763, 17 Mar 52

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DOEROKHOTOV, E. I., IVANOV, D. P., MUKHOVATOV, V. S., KIRILLOV, V. D., PETROV, D. P., RAZUMOVA, K. A., STREKKOV, V. S., SHEPELEV, M. N. and YAVLINSKIY, N. A.

"Intestigation of Plasma Heating in Toroidal Chambers."

paper to be presented at the 2nd UN Intl. Conf. on the peaceful uses of Atomic Energy, Geneva, 1 - 13 Sep 58.

PEZEW CHEMIKO, A. L., GOLOVIF, I. N., KOZLOV, P. I., STRELKOV, V. S. and YAVLINSKIY, N. A.

"The Electrodeless Discharge with High Current in a Toroidal Chamber with a Longitudinal Magnetic Field." (Mork carried out in 1956-57); pp. 116-133.

"The Physics of Plasmas; Problems of Controlled Thermonuclear Reactions." VOI. IV. 1958, published by Inst. Atomic Energy, Acad. Sci. USSR. resp. ed. M. A. Leontovich, editorial work V. I. Kegan.

Available in Library.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520003-6"

STREEK, V. J.

"Investigation of the Radiation of an Electrodeless Discharge in Deuterium." (Work carried out in 1958); pp. 156-169.

"The Physics of Plasma; Problems of Controlled Thermonuclear Reactions." Vol. IV. 1958, published by Inst. Atomic Energy, Acad. Sci. USSR. resp. ed. M. A. Leontovich, editorial work V. I. Kogan.

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paper presented In Gases, 17-21	at the Fourth Inter Aug 59, Uppsala, Sw	national Conference on eden.	Ionization Phenomena	

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CORBUNOV, Ye.P.; DOLGOV-SAVEL'YEV, C.C.; IUKEOVATOV, V.S.;
STRELKOV, V.S.; YAVLINSKIY, N.A.

[Studying a toroidal discharge in a strong magnetic field]
Issledovanie toroidal'nogo razriada v sil'nom magnitnom
pole. Moskva, In-t atomnoi energii im. I.V.Kurchatova, 1960
23 p. (MIRA 16:12)

(Magnetic discharges through gases)

(Magnetic fields)

Authorities of Artist December 1980 March 19

VASILTYEVSKIY, V.S.; MUKHOVATOV, V.S.; STRELKOV, V.S.; YAVLINSKIY, N.A.

[The "Tokomak-2" toroidal plant with a high magnetic field] Toroidal naia ustanovka s sil'nym magnitnym polem "Tokomak-2". Moskva, In-t atomnoi energii AN SSSR, 1960. 17 p. (MIRA 17:1)

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AUTHORS:

Vasil'yevskiy, V. S., Mukhovatov, V. S., Strelkov, V. S.

Yavlinskiy, N. A.

TITLE:

"Tokamak-2" (Tokamak-2) - a Toroidal Apparatus With a

Strong Magnetic Field 26

PERIODICAL:

Zhurnal tekhnicheskoy fiziki, 1960. Vol. 30, No. 10,

pp 1137-1144

TEXT: As deuterium impurities and the heavy atoms struck out of the chamber walls by plasma lead to considerable energy losses of a deuterium plasma and, thus, prevent an increase of temperature, studies on plasma of the highest possible degree of purity are of particular significance. For this purpose, a special toroidal pulsed high-vacuum chamber was developed, which is described in the present paper. The experimental apparatus "Tokamak-2" was designed for investigating the Joulean heating of plasma in a strong, longitudinal magnetic field. The following factors were taken into account by the designers: 1) The areas of the discharge chamber facing the plasma must be subjected to a careful heat treatment.

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"Tokamak-2" (Tokamak-2) - a Toroidal Apparatus S/057/60/030/010/001/019 With a Strong Magnetic Field B013/B063

2) The vacuum pump and the design of the chamber must guarantee a vacuum of up to 10.8 - 10.9 mm Hg. 3) The dimensions of the apparatus must correspond to those of "Tokamak-1" The apparatus is schematically represented in Fig. 1. Fig. 2 is a general view of the internal chamber. The basic circuit diagram of the apparatus is reproduced in Fig. 3. Two units of the type BA05-2 (VA05-2) are used for producing a high vacuum in the internal chamber. The highest maximum attained after degassing by heating to  $450^{\circ}$ C amounted to  $5 \cdot 10^{-10}$  mm Hg. The entire vacuum system of the internal chamber is connected by metal seals, so that it may be degassed by heating up to  $400-450^{\circ}$ C. Two types of seals are used (see Fig. 4). Fig 5 shows the sealing and insulation of the joints of the external chamber. The tubes of the water-cooling installation were laid on the outer side of the copper chamber (Fig 1) The internal chamber is electrically insulated from the external chamber and separated from it by a vacuum (Fig. 6). Fig. 7 illustrates the pressure change prevailing inside the internal chamber during heat treatment. The plasma properties were studied with the above-described apparatus under two different conditions: In one case, the entire system was cooled after a continuous heat treatment . "cold chamber"; in the second case, the internal chamber was kept

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"Tokamak -2" (Tokamak-2) - a Toroidal Apparatus S/057/60/030/010/001/019 With a Strong Magnetic Field B013/B063

at a temperature of 400-450°C, whereas the vacuum unit and the traps remained cold. - "hot chamber". Data ascertained under equal conditions are given in Ref. 3. The introduction of observation windows and of the measuring apparatus is described (see Figs. 8 and 9). Since the apparatus serves a double purpose in that it should produce the highest vacuum possible and purify the walls of the discharge chamber, its design is rather complicated. As was shown by measurements, this is fully justified, since otherwise the discharge would be considerably affected by impurities. The character of the process is considerably changed by a long heat treatment (Ref. 3). Nonetheless, it is not possible to produce a perfectly pure deuterium plasma. There are 9 figures and 3 Soviet references.

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Gorbunov, Ye. P., Dolgov-Savel'vev, G. G., Mukhovatov, V.S.,

Strelkov, V. S., Yavlinskiy, N. A.

TITLE:

Investigation of a Toroidal Discharge in a Strong Magnetic

Field

PERIODICAL:

Zhurnal tekhnicheskoy fiziki, 1960. Vol. 30, No. 10,

pp. 1152-1164

TEXT: The authors describe investigations on the heating and stability of a plasma column in a strong, longitudinal magnetic field (Figs 1-11). The experiments were carried out on the toroidal apparatus "Tokamak-2" (for details see Ref. 2) under different conditions of the chamber walls: 1) cold, not degassed walls - "contaminated" chamber; 2) cold walls, which prior to the experiment, had been heated at  $400-450^{\circ}$ C for several hours - "pure" chamber; 3) hot walls at temperatures from  $400^{\circ}$  to  $450^{\circ}$ C "pure" chamber The pressure of the residual gases was 1  $10^{-6}$  mm Hg in the first and the third case, and 1  $10^{-7}$  mm Hg in the second case It was found that the character of the process was changed by the degassing of

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Investigation of a Toroidal Discharge in a Strong Magnetic Field

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the walls: a) The conductivity of the plasma increases; b) oscillations occur in the heated plasma; c) the current attains a second maximum at zero voltage, the conductivity of the plasma reaching considerable values. Pictures taken with a time-lapse camera show that at high values of k (coefficient of stability), the discharge column is bounded by the diaphragm slits. Thus, hydromagnetic stability may be observed under these conditions. The presence of accelerated electrons having energies of 1-2 Mev is indicative of a good particle retaining. The extinction of X-radiation is probably due to the occurrence of oscillations. The successive appearance of spectral lines of different excitation energies can be explained by the rise of the electron temperature. An increase of the magnetic field strength increases the conductivity of the plasma at the first current maximum, and improves the conditions of retaining. Table 1 gives data on the instant of time at which ionization in discharges with different electric field strengths is perfect. These data are specified for three values of the initial deuterium pressure. The electron concentration is assumed to increase in the course of time. Table 2 gives data on the electron temperature for two values of the magnetic field. The authors thank L. A Artsimovich and M. A Leontovich for their interest in

Card 2/3

Investigation of a Toroidal Discharge in a Strong Magnetic Field

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the work, as well as N. V. Krasnov, G. A. Yegorenkov, Yu. A. Gusev, A. V. Glukhov, and G. N. Ploskirev for their assistance. There are 11 figures, 2 tables, and 6 references: 5 Soviet.

SUBMITTED: April 23, 1960

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DOLGOV-SAVEL'YEV, G.G.; MUKHOVATOV, V.S.; STRELKOV, V.S.; SHEPELEV, M.N.; YAVLINSKIY, N.A.

就是<mark>我们是有理论的,我们们也是我们的是我们的</mark>我们,我们还是我们的人们的,我们们们的,我们们们的,我们们们是这个人的,我们们们是这个人的。""这么是这个人,我们们

Investigating a toroidal discharge in a strong magnetic field. Zhur. eksp.i teor.fiz. 38 no.2:394-403 F '60. (MIRA 14:5) (Plasma (Ionized gases)) (Magnetic fields)

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ACCESSION NR: AP4045327 S/0089/64/017/003/0170/0176

AUTHOR: Artsimovich, L. A.; Mirnov, S. V.; Strelkov, V. S.

TITLE: Investigation of plasma ohmic heating on a "Tokamak-3" toroidal machine

SOURCE: Atomnaya energiya, v. 17, no. 3, 1964, 170-176

TOPIC TAGS: plasma heating, plasma pinch, plasma conductivity, plasma pinch instability, Tokamak 3 machine, controlled fusion reaction, controlled thermonuclear reaction

ABSTRACT: Experiments were performed on a "Tokamak-3" machine to investigate the heating of plasma by means of a current passing through it in the presence of a strong longitudinal magnetic field, used to prevent the most dangerous forms of magnetohydrodynamic instability of the plasma pinch. It was found that the correction of the magnetic field substantially changes the discharge characteristics. Measurements of the main discharge characteristics show that even the very small transverse components of the stabilizing magnetic field, appearing as a result of a nonideal magnetic field, strongly affect the

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-L 11364-65 ACCESSION NR: AP4045327 behavior of the plasma pinch in the toroidal chamber. The compensation of the stationary component of the transverse field on the "Tokamak-3" considerably improves the discharge characteristics and particularly increases the conductivity of the plasma pinch. When the stabilizing field is very strong and the equilibrium position of the plasma pinch is such that the axial line of the pinch passes through the center of the opening of the limiting diaphragm, then the average electric conductivity over the plasma cross section reaches  $(1-2) \times 10^{16}$  CGS units. During the process the plasma pinch is gradually displaced in the direction of the chamber outer wall. If the longitudinal magnetic field is not too strong and the initial gas pressure in the chamber is not too low, then at some moments the movement towards the outer wall is interrupted, and the plasma pinch returns to the inner wall. Discontinuities on the potential oscillograms correspond to this intermittent motion, and sharp peaks correspond to it on current oscillograms. Orig. art. has: 6 figures ASSOCIATION: none the description of the process to be processed to be process E.C

AUGHORI Arthinovich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, L. A.; Gorbunov, Ie. P.; Hirnov, S. V.; Mul Friedrich, Investigation of characterial.  MOURGE: Voccow. Institut atomosy cuergii. Doklady, no. 66h, 1 contended to nagree and plasma plasma pinch, Investigation negree and feature, plasma equilibrium, plasma pinch, Investigation of the containment/ Tokamak  APSTRACT: The authors report the results of a theoretical analymenting process and of the conditions for the equilibrium installations is described and the diagnostic methods are explained attions is described and the diagnostic methods are explained to the controlling transverse magnetic field and on the magnitude on the controlling transverse magnetic field and on the magnitude dinal magnetic field. Under optimal discharge conditions, they hydrodynemically stable plasma pinch with electric conductivity	toroidal Tokamak installations  , no. 664, 1964. Issledovaniye  novkakh Tokamak, 1-54  noma pinch, plasma stability,  retical analysis of the plasma ibrium instability of a plasma The construction of the instal- explained. The measurement re- the discharge dopend essentially the magnitude of the longitu-		
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Use of the "Ickamak-3" toroidal setup in studying chmic heating of a plasma. Atom. energ. 17 no.3:170-176 S '64. (MIFA 17:9)

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L 22411-66 EWT(1)/EPF(n)-2/EWG(m) IJP(c) AT ACC NR: AP6007952 SOURCE CODE: UR/0089/66/020/002/0146/0148

AUTHORS: Bazhanova, A. Ye.; Strelkov, V. S.; Shafranov, V. D. 66

ORG: none

TITLE: Effect of the finite electric conductivity of the jacket on the equilibrium of the plasma pinch in the 'Tokamak' installation

SOURCE: Atomnaya energiya, v. 20, no. 2, 1966, 146-148

TOPIC TAGS: electric conductivity, plasma generator, plasma pinch, plasma temperature, magnetic trap, plasma diffusion/

ABSTRACT: The authors refine the previously derived formulas (Voprosy teorii plazmy [Problems in Plasma Theory], No. 2, 1963, page 92) for the radius and the temperature of the plasma pinch produced in the Tokamak system, by taking into account the finite electric conductivity of the jacket, which in the earlier calculations was assumed to be infinite. The calculations show that allowance for the finite conductivity does not change the form of the equation for the displacement of the plasma pinch inside the conducting jacket,

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ACC NR: AP6007952

but changes the value of the perpendicular component of the magnetic field, which must now be determined from the diffusion equation for field, which must now be determined from the walls of the jacket. The dipole component of the magnetic field on the walls of the plasma The effect of the finite conductivity on the equilibrium of the plasma revaluated and it is shown that in the case of plasmas of approxise evaluated and increases with increasing plasma confinement time. It is small and increases with increasing plasma confinement time. Orig. art. has: 3 figures and 19 formulas.

SUB CODE: 20/ SUBM DATE: 17Aug65/ ORIG REF: 004/

STRELKOV, Ye.I.

Ecology of the hazel hen in the taige zone of Tomsk Province.

Uch. zap. TGPI 20:26-30 '61. (MIRA 15:7)

(Tomsk Province—Grouse)

STREIKOV, Yu.

Position of Axine belongs in the system of monogenetic trematoda.

Trudy Zool.inst. 13:145-154 '53.

(Trenatoda) (Parasites--Garpikes)

Strelkey, Yu. A. -- "Endeperasitic Forts of Coean Fish in Raptern Kam-chathe." Acad Sci Welf. Zoological Inst. Leningrad, 1956.

(Dissertation for the Degree of Tamilidate in Miological science)

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STREELEOV, YU. A. and SHUL'MEN, S. 3.

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"Parasite Infestation of Fish in the Projected Lake-Construction Area of the Amur River Basin."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Institute of Lake and River Fishing and the Zoological Institute of the USSR Academy of Sciences, Leningrad

BAUER, O.N.; STRELKOV, Yu.A.

运动。**是国际代表,这是对对共享的关键的对比,在**1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年

Diseases of the young of Baltic salmon under conditions of artificial rearing. Trudy sov. Ikht.kom. no.9:86-90 '59. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ozernogo i rechnogo rybnogo khozvaystva. (Russia, Northwestern--Salmon--Diseases and pests)

ZHUKOV, Ye.V.; STREIKOV, Yu.A.

Parasites of fishes in the Far Eastern seas. Trudy sov. Ikht.

kom. no.9:188-191 '59. (MIRA 13:5)

1. Zoologicheskiy institut Akademii nauk SSSR.

(Sowlat Far Rast--Parasites)

(Parasites--Fishes)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520003-6"

17(15) AUTHORS: Gusev, A. V., Zhukov, Ye. V., Strelkov, Yu. A. SOV/20-125-5-60/61

TITLE:

On the Degree of Infestation of Mintay (Theragra Chalcogramma Pal.) With Parasites and Its Use in Fishery (O zarazhennosti mintaya

parazitami i yego promyslovom ispol'zovanii)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 5, pp 1174-1176

(USSR)

ABSTRACT:

The natural sources should be opened up to the highest possible extent and an abundant supply of food should be established. Theragra chalcogramma belongs to the hitherto not sufficiently known fish species of the Far East. Many fish species of better

taste occur in the Far East, and the afore-said species is, moreover, not liked because of its infestation by parasites. This infestation renders the fish species unappetizing for the consumer and leads to misunderstandings and to the fact that the fish finds no sale. The authors tried to answer the following questions: 1) Is flesh of Theragra chalcogramma infected with parasitic worms?; if this is the case, how far? 2) Are among the parasites of Theragra chalcogramma any species which are harmful to man? 3) Which investigations are to be carried out in order to decide definitely

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On the Degree of Infestation of Mintay (Theragra Chalcogramma SOV/20-125-5-60/61 Pal.) With Parasites and Its Use in Fishery

the problem of the use of Theragra chalcogramma? - Table 1 shows the results of the sections in 1951-55 in the region of the zaliv Petra Velikogo ( Petr Velikiy Eay ), Avachinskaya bukhta (Avachinskaya Bay), Kamchatskiy zaliv (Kamchatka Bay), and Kronotskiy Bay. None of the known parasites of Theregra chalcogramma is harmful to man. There is no reason for disqualifying entire catches or fishery regions because of infestation of the flesh. Careful sanitary control, the elimination of highly infected fish, furthermore, the removal of infected intestines may easily eliminate parasites in fish for sale. The working process is to be chosen according to the kind of infestation (salting, freezing, hashing, etc.). In order to find out the best time and the best regions for catch, investigations of the age- and seasonal dynamics of parasites have to be carried out. There is assumed that the frequently voiced alarming news from the (Soviet) Far East are not fully justifie. It is 1 table.

ASSOCIATION:

Zoologicheskiy institut Akademii nauk SSSR (Zoological Institute of the Academy of Sciences, USSR)

Card 2/3

STRELKOV, Yu.A.

Endoparasitic worms from marine fishes of eastern Kamchatka. Trudy
Zool. inst. 28:147-196 '60.

(Kamchatka-Worms, Intestinal and parasitic)

(Parasites--Fishes)

GUSEV, A.V.; STRELKOV, Yu.A.

通子和新游戏的基本的。 第14章 新游戏的基本的表现代表现代表现代表现代表现代表现代表现代表现代表的特殊的数据的表现代表现代表现代表现代表现代表现代表现代表现代表现代表现代表现代表现代表

Ancylodiscoides (Monogenoidea) parasitic in catfishes (Silurus and Parasilurus) of the Far East; analysis of the morphology and evolution of the group. Trudy Zool. inst. 28:197-255 '60. (MIRA 13:12) (Far East-Trematoda) (Parasites-Catfishes)

15

## STRELKOV, Yu.A.

On a new species of monogenetic trematodes, Acolpenteron petruschewskyi, adapted to habitation in the excretory system of bitterlings. Dokl. AN SSSR 147 no.5%1253-1255 D 162. (MIRA 16:2)

1. Gosudarstvennyy nauchno-issledovatel skiy institut ozernogo i rechnogo rybnogo khozyaystva. Predstavleno akademikom Ye.N.

Pavlovskim.
(Zeya River—Parasites—Bitterling)
(Zeya River—Trematoda)

STREEKOV, YU.A., KHA KI

A new instance of an unusual invalidation of the monogenetic trematodes of the genus Dactyl gyrus in massi cavities of a fish. Zo.l. zhur. 43 no.8:1236-1238 [64.] (MIRA 17:11)

.. Grandarstrencyy nauromeniasiedovatel akiy institut czermogo i rechnogo ryborgo korzymystym, lenim, md.

SMIRNOVA, T.S.; STRELKOV, YD.A.; TIMOFEYEV, V.A.; SHUL'MAN, S.S.

学的主题的是这个**企业,在**是在这个企业,我们也不是一个一个工作,我们就是这种的人,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个

Name and Cavities of bony fishes as a habitat of paragites. Zool. zbur. 43 no.11:1649-1658 164. (MJRA 18:11)

1. Zoologicheskiy institut AN SSSR, Leningrad.